



Total Maximum Daily Load Information Sheet

Little Niangua River

Water Body ID: 1189

Water Body Segment at a Glance:

County: Dallas and Camden
Nearby City: Macks Creek
Length: 43.8 miles
Pollutant: Low dissolved oxygen
Source: Unknown



Scheduled for TMDL development:

TMDL development schedules are subject to change.

The most current schedule for TMDL development is available on the department's website at dnr.mo.gov/env/wpp/tmdl/wpc-tmdl-progress.htm

Description of the Problem

A water body is considered impaired when it fails to meet applicable water quality standards. Water quality standards consist of designated uses, water quality criteria, an antidegradation policy and implementation procedures. The Little Niangua River is impaired due to exceedances of water quality criteria that protect aquatic life.

Designated uses of the Little Niangua River*

- Warm Water Habitat (WWH)
- Cool Water Habitat (CLH)
- Whole Body Contact Recreation Category A (WBC-A)
- Secondary Contact Recreation (SCR)
- Human Health Protection (HHP)
- Irrigation (IRR)
- Livestock and Wildlife Protection (LWP)

*In addition to these specific uses, all waters of the state are protected by the general water quality criteria that are specified in the state's Water Quality Standards at 10 CSR 20-7.031(4).

Use that is impaired

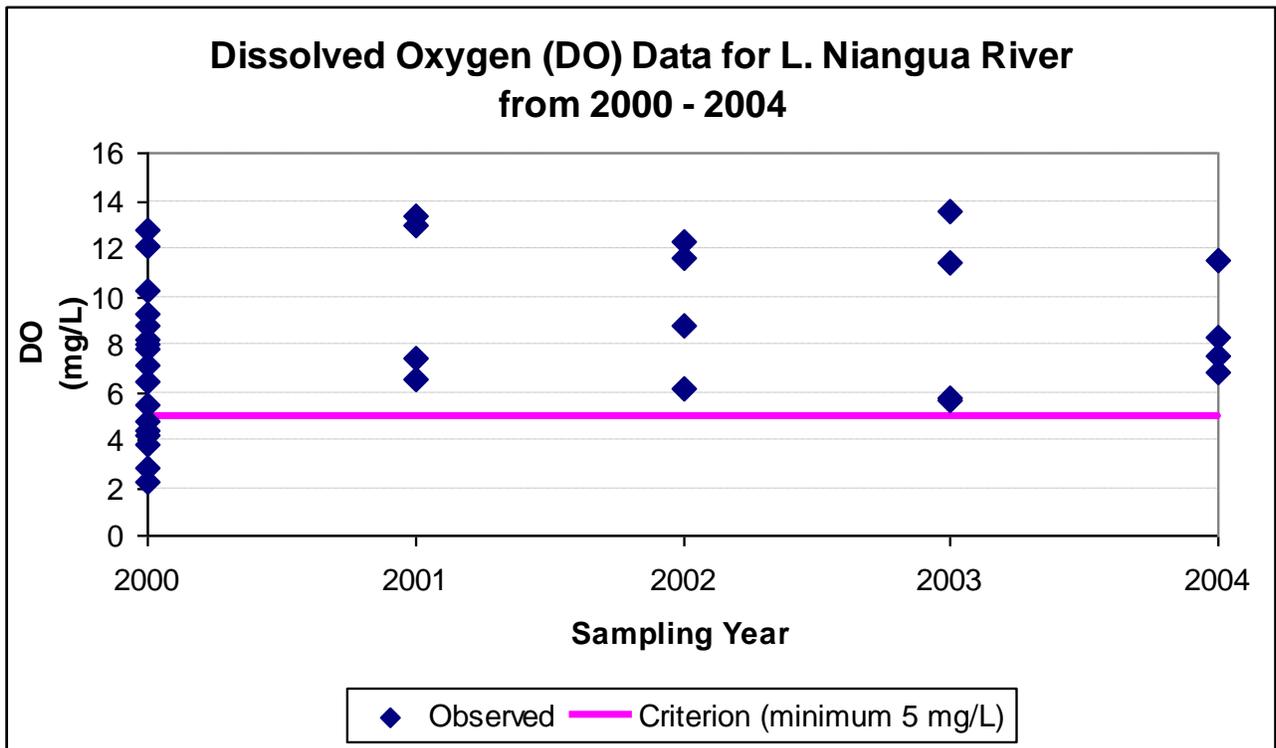
- Warm Water Habitat (WWH)
- Cool Water Habitat (CLH)

Criteria that apply

- The dissolved oxygen criterion applicable to the Little Niangua River is found in Table A of Missouri’s Water Quality Standards at 10 CSR 20-7.031. Table A states that the minimum allowable dissolved oxygen concentration for waters designated as warm water and cool water habitats is 5 milligrams per liter (mg/L).

Assessment and water quality data

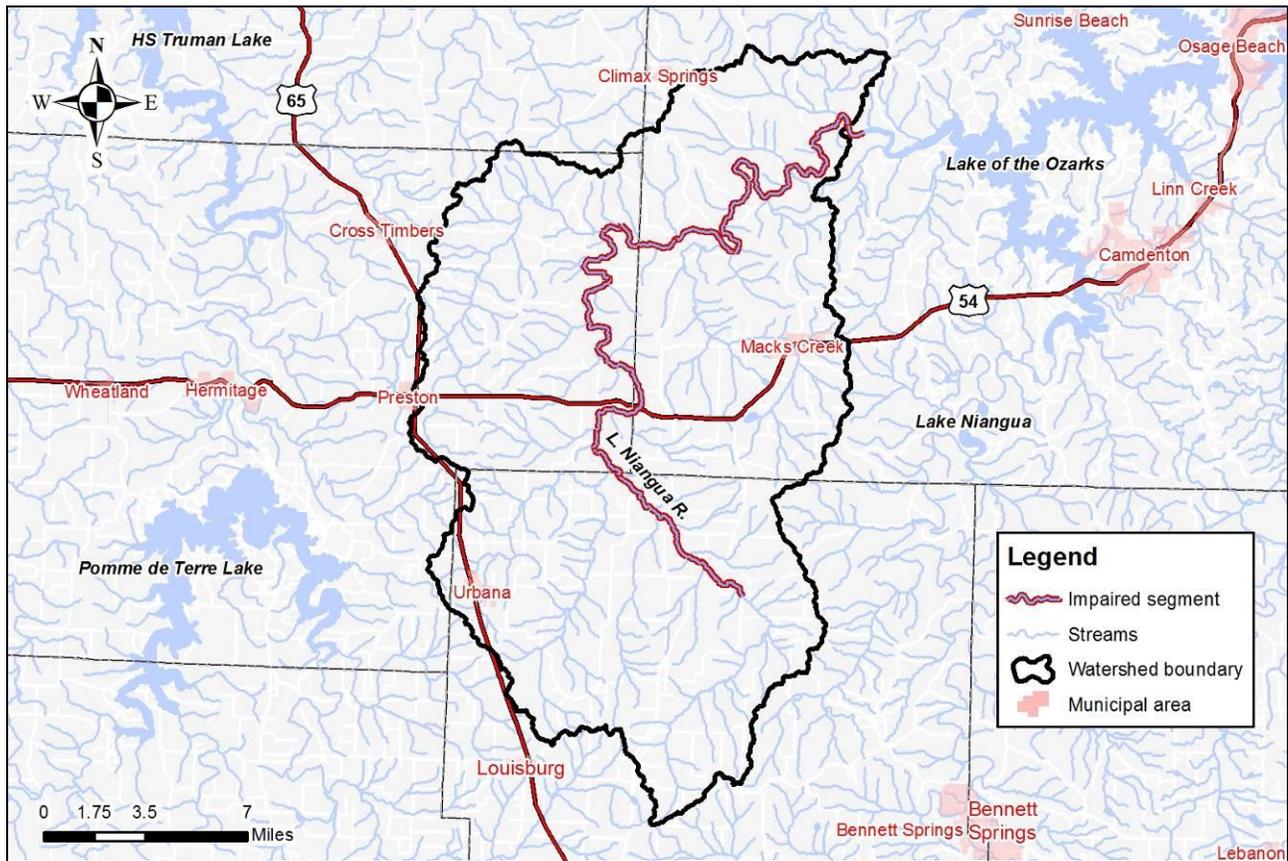
The department judges a stream to be impaired due to low dissolved oxygen if more than 10 percent of measurements in a water body fail to meet the water quality criterion. In the case of the Little Niangua River, seven of 35 measurements, or 20 percent, did not meet the water quality criterion



TMDL for the Little Niangua River

The Little Niangua River TMDL will calculate the maximum amount of each listed pollutant that the stream can receive and still meet water quality standards. The TMDL will also identify all potential or suspected pollutant sources in the watershed and distribute the allowable pollutant loads among those various sources. When developed, the Little Niangua River TMDL will use the most current and available data. For this reason, the final TMDL may present information that differs from that contained in this information sheet.

Map of the Little Niangua River watershed



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